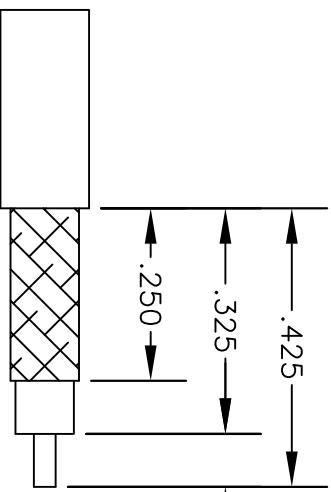


MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE

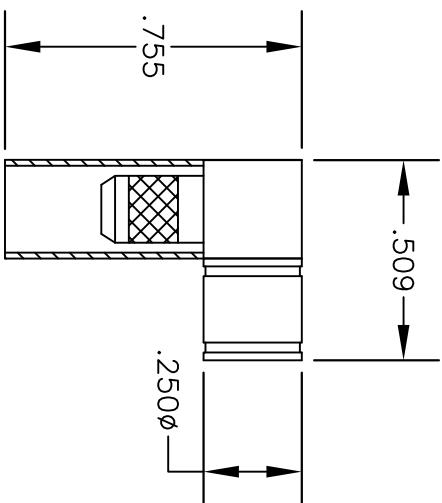


#### ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN &  
TIN CENTER CONDUCTOR.  
SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF  
CONNECTOR AND SOFT SOLDER  
CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & PRESS  
CAP DOWN.

CRIMP SIZE REQUIRED

FERRULE: .213" HEX CRIMP TOOL



PATERNACK ENTERPRISES, INC.

P.O. BOX 16759, IRVINE, CA 92623  
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E-MAIL ADDRESS: [sales@paternack.com](mailto:sales@paternack.com)

COAXIAL & FIBER OPTICS

**PE4595**

DWG TITLE

SMB PLUG, RIGHT ANGLE, CRIMP  
ATTACHMENT FOR RG55, RG142, RG223 &  
RG400

SIZE A FSCM NO. 53919 DES. CAD FILE 052402 SCALE N/A 127

STRIPPING DIMENSIONS

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.



## NMO Mount Connector Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195

### RF Connectors Technical Data Sheet

PE51021

#### Configuration

- NMO Mount Sexless Connector
- 50 Ohms
- Straight Body Geometry
- PE-C195, PE-P195, RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195 Interface Type
- Crimp/Solder Attachment

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE51021 NMO Mount connector with crimp/solder attachment for PE-C195, PE-P195, RG58, RG55, RG141, RG142, RG223, RG400, RG303 and LMR-195 is part of our full line of RF components available for same-day shipping.

Our NMO Mount connector PE51021 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Mechanical Specifications

Weight	0.07 lbs [31.75 g]
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#### Compliance Certifications (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

NMO Mount Connector Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

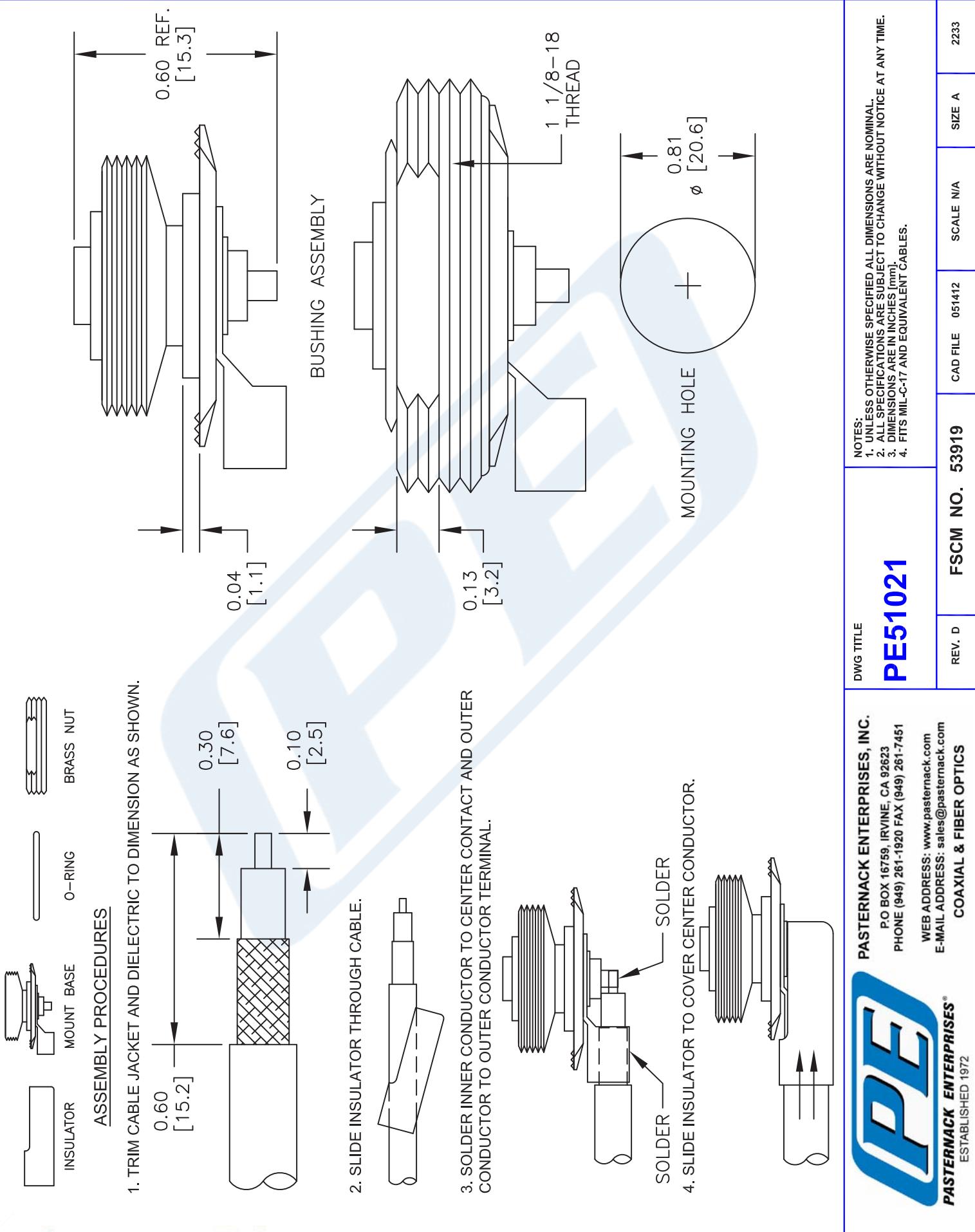
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [NMO Mount Connector Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195 PE51021](#)

URL: <https://www.pasternack.com/nmo-mount-pe-c195-connector-pe51021-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE51021 CAD Drawing

NMO Mount Connector Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195



## 53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket

### TECHNICAL DATA SHEET

### RG55B/U

#### 53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket

##### Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PE
Shield Materials	Tinned Copper Braid, Tinned Copper Braid
Jacket Material and Color	PE, Black

##### Electrical Specifications

Impedance, Ohms	53
Velocity of Propagation, %	66
Maximum Operating Frequency, GHz	3
Capacitance, pF/ft [pF/m]	28.8 [94.49]

##### Electrical Specifications by Frequency

###### Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	1.35 [4.43]

###### Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	4.3 [14.11]

###### Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	16.5 [54.13]

###### Frequency 4

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	32 [104.99]

##### Mechanical Specifications

###### Inner Conductor

Number of Strands	1
Material	Copper
Plating	Silver
Diameter, in [mm]	0.032 [0.81]

###### Dielectric:

Type	PE
Diameter, in [mm]	0.116 [2.95]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket RG55B/U](#)

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

## 53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket

### TECHNICAL DATA SHEET

RG55B/U

**Shield:**

Number of	2
Material 1	Tinned Copper Braid
Material 2	Tinned Copper Braid

**Jacket:**

Material	PE
Diameter, in [mm]	0.202 [5.13]
Color	Black
Weight, lbs/ft [Kg/m]	0.035 [0.05]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

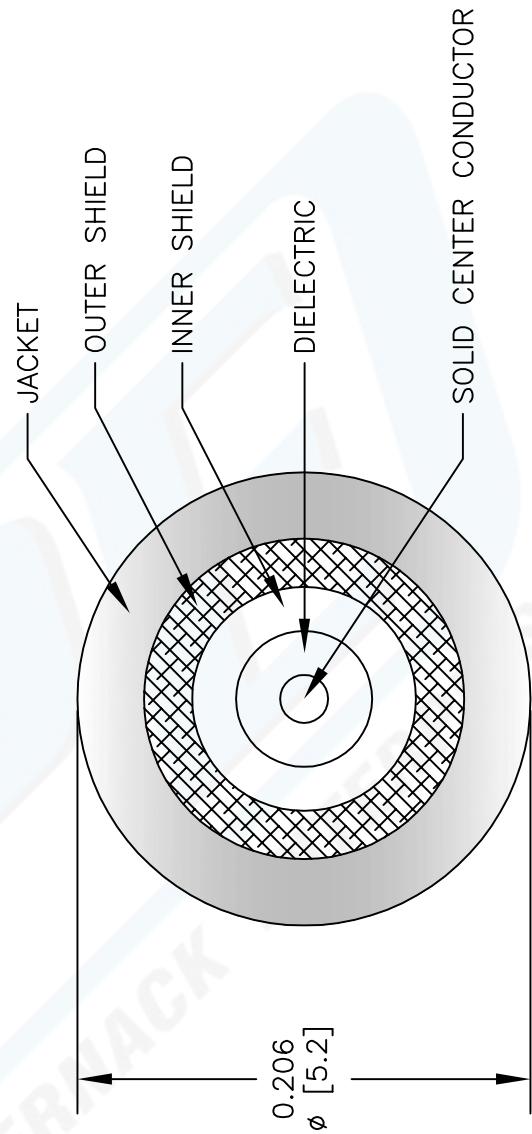
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket RG55B/U](#)

URL: <http://www.pasternack.com/flexible-0.206-rg55-53.5-ohm-coax-cable-pe-jacket-rg55b-u-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

# RG55B/U CAD Drawing

53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket



**PE PASTERNACK®**

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DWG TITLE	REV. A	FSCM NO.	CAD FILE	SCALE	SIZE	147
<b>RG55B/U</b>		53919	040113-A	N/A	N/A	

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES (mm).